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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/633,001	08/01/2003	Walter Harvey Waddell	2003B079	8961
23455	7590	06/20/2006		
			EXAMINER	
			RONESI, VICKEY M	
			ART UNIT	PAPER NUMBER
			1714	

DATE MAILED: 06/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Advisory Action Before the Filing of an Appeal Brief</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/633,001	WADDELL ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Vickey Ronesi	1714

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 26 May 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
 b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### NOTICE OF APPEAL

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

#### AMENDMENTS

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a)  They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b)  They raise the issue of new matter (see NOTE below);  
 (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1-25, 27-35, 38-43 and 46-83.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

#### AFFIDAVIT OR OTHER EVIDENCE

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

#### REQUEST FOR RECONSIDERATION/OTHER

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attached.

12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_

13.  Other: \_\_\_\_\_.

*Attachment to Advisory Action*

Applicant's response filed 5/26/2006 has been fully considered but is not persuasive.

Specifically, applicant argues (A) that proper side-by-side examples are not a requirement and (B) that the data of the specification as originally filed is commensurate in scope with the claimed invention.

With respect to argument (A), examiner disagrees since proper side-by-side examples are necessary to establish the criticality of a particular component in a composition. If there are no proper side-by-side examples, a clear indication of the source of the alleged unexpected result cannot be made. In particular, the inventive data all contain carbon black in a total amount of 80 phr or greater, wherein the comparative only contain carbon black in an amount of 60 phr. Therefore, it is not possible to establish a criticality for the presently claimed carbon black when it could be the greater amount of carbon black which provides for improved air impermeability properties. Note that Tables 5 and 6 show that increased carbon black results in improved lower impermeability.

With respect to argument (B), the examiner agrees that there are 3 types of carbon black used in the inventive data in the specification as originally filed. In particular, Regal 90 ( $N_2SA = 23 \text{ m}^2/\text{g}$  and  $DBP = 33 \text{ cm}^3/100 \text{ g}$ ), Regal 90 ( $N_2SA = 23 \text{ m}^2/\text{g}$  and  $DBP = 32 \text{ cm}^3/100 \text{ g}$ ), and N-990 ( $N_2SA = 7 \text{ m}^2/\text{g}$  and  $DBP = 42 \text{ cm}^3/100\text{g}$ ) are exemplified. Nevertheless, these carbon blacks are not commensurate in scope with the claimed carbon black which has  $N_2SA < 30 \text{ m}^2/\text{g}$  and  $DBP < 30 \text{ cm}^3/100 \text{ g}$ . Furthermore, only two types of polybutene oil (Parapol<sup>TM</sup> 1300 and 2400) are exemplified which have Mn (1300 and 2350, respectively) and viscosity at 100°C (630 cSt and 3200 cSt, respectively) which are not commensurate in scope with the claimed polybutene

oil of Mn > 400 and viscosity at 100°C of 10-6000 cSt. Case law holds that evidence of superior properties in one species insufficient to establish the nonobviousness of a subgenus containing hundreds of compounds). *In re Greenfield*, 571 F.2d 1185, 1189, 197 USPQ 227, 230 (CCPA 1978).

6/13/2006

vr



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